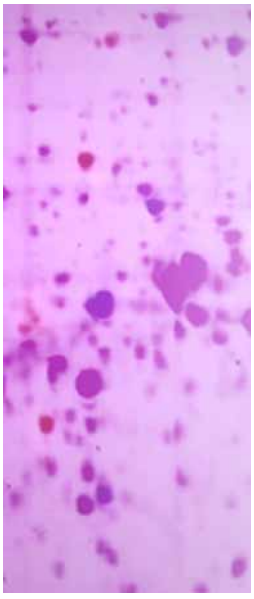
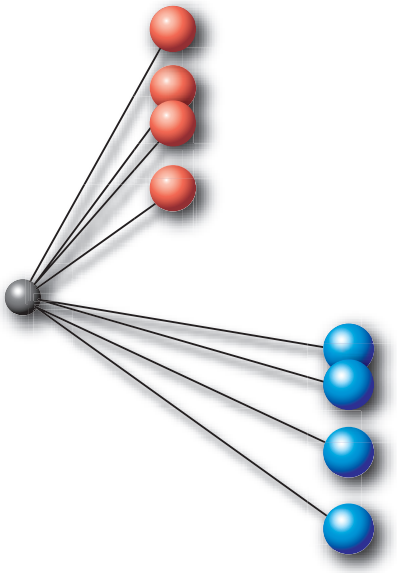
GE Healthcare

DeCyder 2D Software

Version 6.5

Installation Guide





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1 Introduction

1.1 Introduction

Read the Installation Guide carefully and follow the instructions.

DeCyder™ 2D 6.5 Software has an integrated Oracle® database where all data is stored. The installation includes:

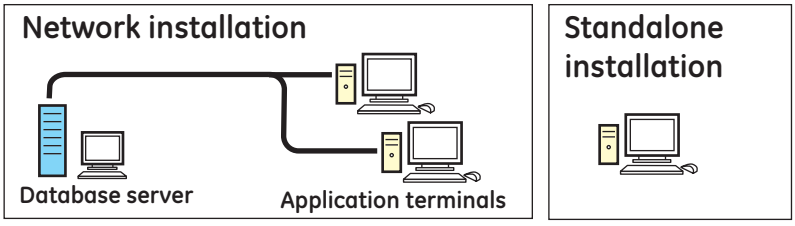
- Oracle 10*g*
- DeCyder 2D 6.5 Database
- DeCyder 2D 6.5 Program
- DeCyder 2D 6.5 Tutorial Files

The DeCyder 2D 6.5 Program is activated via an eLicence once all installations are performed. See Chapter 4 for detailed information.

1.2 Installation types and overview of installation steps

DeCyder 2D 6.5 Software can be used on a standalone computer or in a network.

Fig 1-1. Installation types.



Network installation

With a network installation, the DeCyder 2D 6.5 Database is installed on a server, but DeCyder 2D analyses are performed on application terminals that access the database via the network. In this setup, different parts of the software are installed on different types of computers.

Note: *If DeCyder 2D 6.5 Software should also run on the database server computer, install as if it was a standalone installation.*

Standalone installation

With a standalone installation, all required software is installed on one computer and all DeCyder 2D analyses are performed on the same computer.

2 Preparation before installation

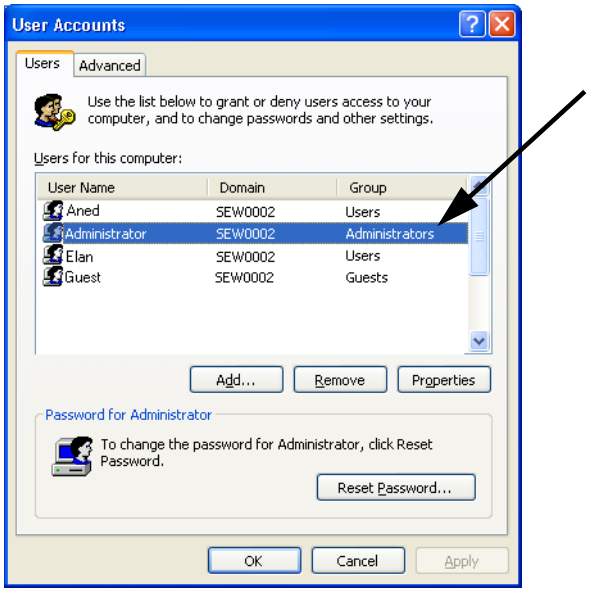
2.1 General preparation

This chapter describes how to prepare the computer before installation.

2.1.1 Check administrator rights

Before installing, check that you have full administrator rights on your computer.

1 Select **Start:Control Panel:User Accounts**.



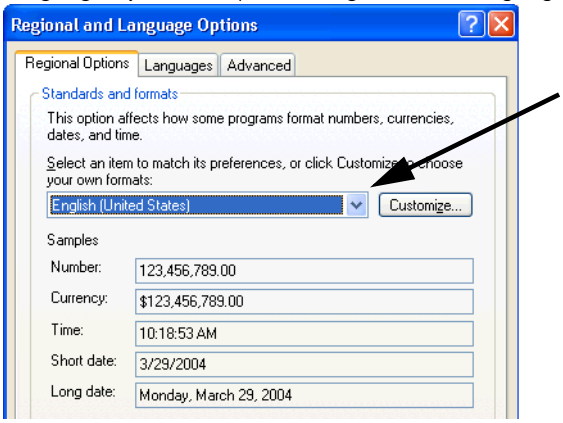
2 Check that the account name that you used for log in is marked as **Administrators** in the **Group** column.

Note: *Omitting this step can have major consequences later when installing DeCyder 2D database. If you are not an administrator, you will not be able to register some files properly and installation will fail, forcing you to uninstall Oracle entirely.*

2.1.2 Regional settings

The regional settings must be US English to ensure that the number, date and time formats are correct.

1 In the **Start** menu, select **Control Panel** (Classic view). Select **Regional and Language Options** to open the **Regional and Language Options** dialog.

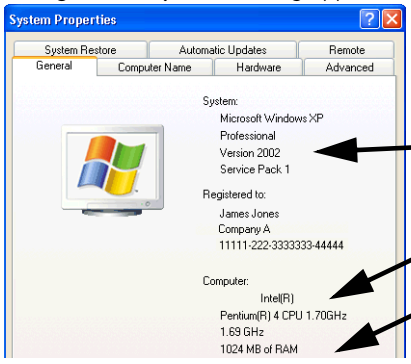


2 On the **Regional Options** tab, select **English (United States)** in the dropdown list and click **OK**.

2.1.3 System properties and hard drive settings

1 In the **Start** menu, select **Control Panel** (Classic view) and select **System**.

2 The **System Properties** dialog appears.

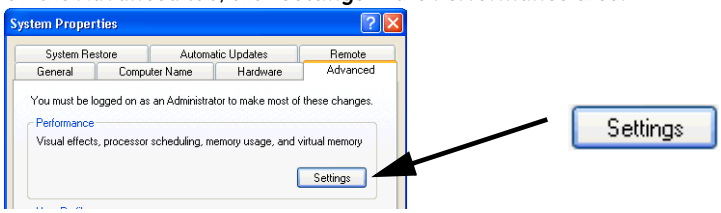


On the **General** tab, check that the computer has at least:

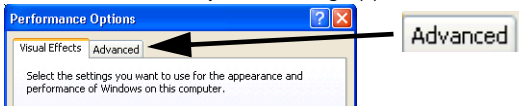
- Windows XP Professional with Service Pack 1 or 2
- Pentium 4 CPU 1.5 GHz
- 1 GB (1024 MB) of RAM

3 ***If*** you want to change the name of the computer (not required), do it ***before*** starting the installation:
Click the tab **Computer Name**, change name and click **Apply**.

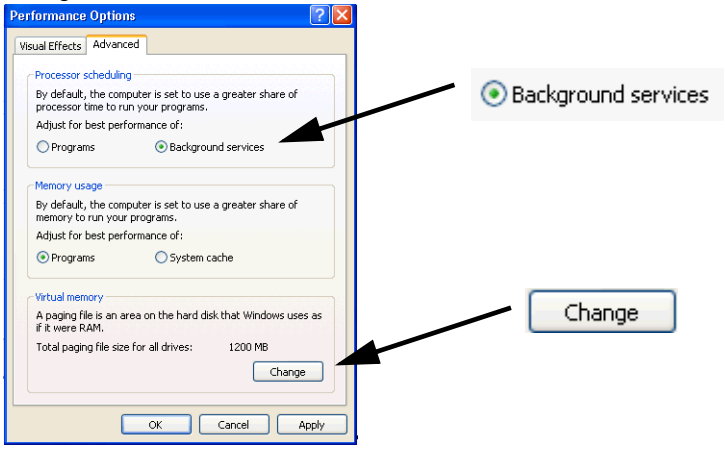
4 On the **Advanced** tab, click **Settings** in the **Performance** area.



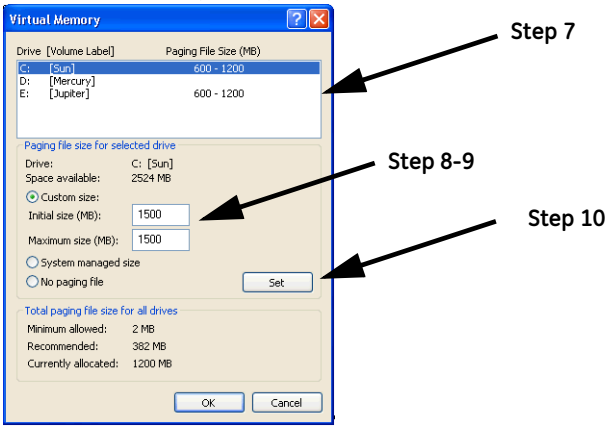
5 The **Performance Options** dialog appears. Click the **Advanced** tab.


Performance Options
Visual Effects
Advanced
Select the settings you want to use for the appearance and performance of Windows on this computer.
Advanced

6 In the **Processor scheduling** area, select **Background services** and click **Change**.


Performance Options
Visual Effects
Advanced
Processor scheduling
By default, the computer is set to use a greater share of processor time to run your programs.
Adjust for best performance of:
Programs
Background services
Memory usage
By default, the computer is set to use a greater share of memory to run your programs.
Adjust for best performance of:
Programs
System cache
Virtual memory
A paging file is an area on the hard disk that Windows uses as if it were RAM.
Total paging file size for all drives: 1200 MB
Change
OK
Cancel
Apply
Background services
Change

7 The **Virtual Memory** dialog appears.



- ***For Database server or Standalone computers,*** check that at least 3 local hard drive letters (e.g. C: , D: , E:) can be seen.
- ***For application terminals,*** check that at least 1 or 2 local hard drive letters (e.g. C: , D: , E:) can be seen.

Note: *Contact the computer administrator if further partition is required on the hard drive.*

8 Select one local hard drive and select **Custom size.**

9 Enter the following values:

Note: *If the default values are higher than below, they can be left unchanged.*

Initial size (MB) = **1500**
Maximum size (MB) = **1500**

10 Click **Set**

11 Repeat steps 8-10 until the settings for all local hard drives are correct. Then click **OK** to finish. Click **OK** in each dialog to close them all.

12 **Restart the computer.**

3 Installing DeCyder 2D 6.5 Software

3.1 Before starting the installation

1 Read the Read-me file provided in the Application folder on the DVD *DeCyder 2D version 6.5*. It contains late-breaking information not added to the installation guide. Tips and useful settings are also found in the Read-me file.

2 Make sure that you know which type of computer you are installing the software onto (see section 1.2).

3 Make sure that you have prepared the computer according to section 2.1:

4 Make sure there is enough free disc space and RAM (see Appendix A).

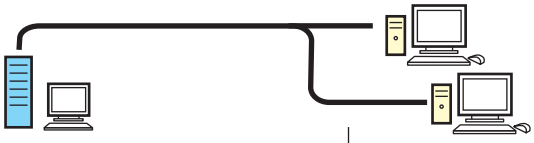
5 Exit all other programs on the computer.

Note: *For network installation, always install the software on the database server before installing the software on the application terminals. Otherwise it will not be possible to enter correct database names and passwords during installation on the application terminals.*

3.2 Installation

Once all preparations have been made, install from the DVD:s as described below.

Network installation



On database server:

1) DVD: Oracle 10*g*, see section 3.3

2) DVD: DeCyder 2D version 6.5, see section 3.4

3) DVD: DeCyder 2D Tutorial version 6.5, see section 3.6

On application terminals:

1) DVD: DeCyder 2D version 6.5, see section 3.5

Standalone installation

1) DVD: Oracle 10*g*, see section 3.3

2) DVD: DeCyder 2D version 6.5, see section 3.4-3.5

3) DVD: DeCyder 2D Tutorial version 6.5, see section 3.6

3.3 *Oracle 10g installation*

3.3.1 Introduction

This installation package will:

- Install Microsoft .NET Framework v 1.1 if it is not already installed on the computer.
- Install Oracle 10*g* Database.

3.3.2 Installation procedure

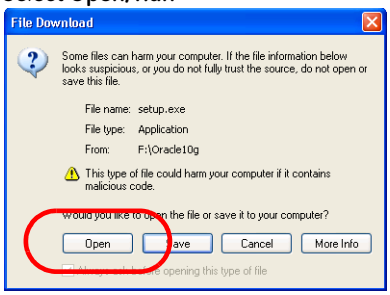
1 Insert DVD Oracle 10*g* into the DVD-drive. If auto launch is enabled, you will eventually see:

Oracle® 10 Database software needed for DeCyder 2D - Microsoft Internet Explorer provided by GE Healthcare
File Edit View Favorites Tools Help
DeCyder™ 2D
Version 6.5
This DVD contains all the files necessary to install the Oracle® 10g Database software, needed for DeCyder 2D 6.5.
Please follow the installation instructions found in Installation Guide
FAQ and troubleshooting information
Upgrade to DeCyder 2D 6.5 from version 6.0
Any use of this software is subject to GE Healthcare Discovery Systems Standard Software End-User License Agreement
1 Oracle® 10g Database
Click link and select "Open/Run" to execute installation.
2 Restart the computer
Click link and select "Open/Run" to execute this step.

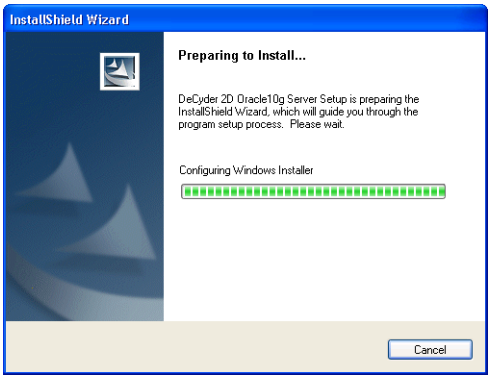
Note: *If the installation does not start automatically, browse to the root of the DVD and double-click on index.htm to display the above window.*

Click on button **1**.

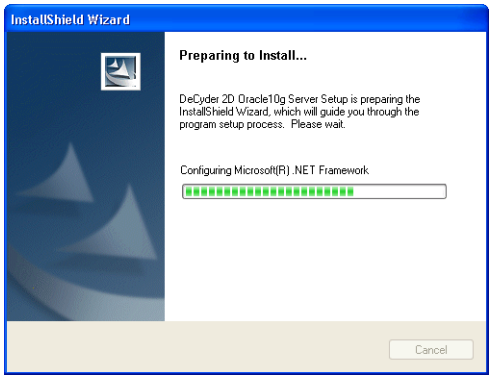
2 Select **Open/Run**


File Download
Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file.
File name: setup.exe
File type: Application
From: F:\Oracle10g
This type of file could harm your computer if it contains malicious code.
Would you like to open the file or save it to your computer?
Open
Save
Cancel
More Info

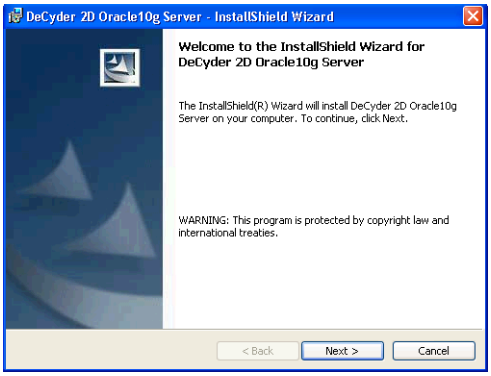
and you will see:


InstallShield Wizard
Preparing to Install...
DeCyder 2D Oracle10g Server Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Configuring Windows Installer
Cancel

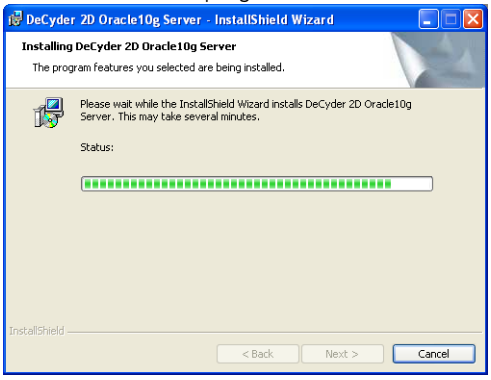
3 If Microsoft .NET Framework v1.1 is not present, it automatically installs now. Please wait.


InstallShield Wizard
Preparing to Install...
DeCyder 2D Oracle10g Server Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Configuring Microsoft(R) .NET Framework
Cancel

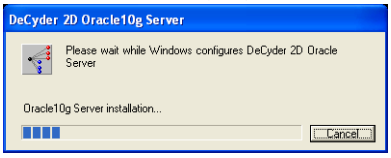
4 Click **Next**


DeCyder 2D Oracle10g Server - InstallShield Wizard
Welcome to the InstallShield Wizard for DeCyder 2D Oracle10g Server
The InstallShield(R) Wizard will install DeCyder 2D Oracle10g Server on your computer. To continue, click Next.
WARNING: This program is protected by copyright law and international treaties.
< Back
Next >
Cancel

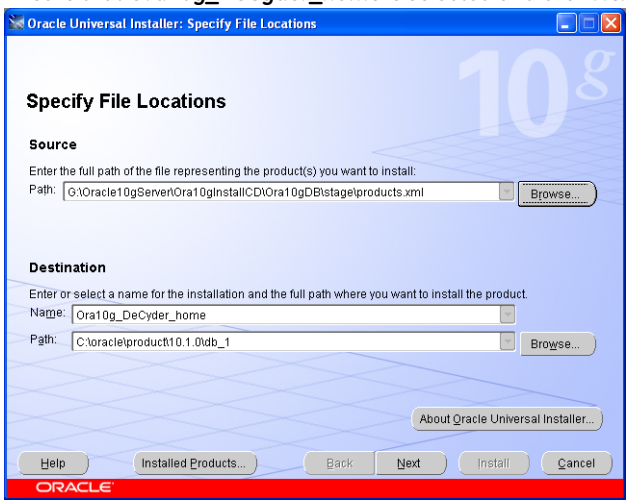
5 The installation is in progress. No user interaction is needed.


DeCyder 2D Oracle10g Server - InstallShield Wizard
Installing DeCyder 2D Oracle10g Server
The program features you selected are being installed.
Please wait while the InstallShield Wizard installs DeCyder 2D Oracle10g Server. This may take several minutes.
Status:
InstallShield
< Back
Next >
Cancel

6 The installation is in progress. No user interaction is needed.

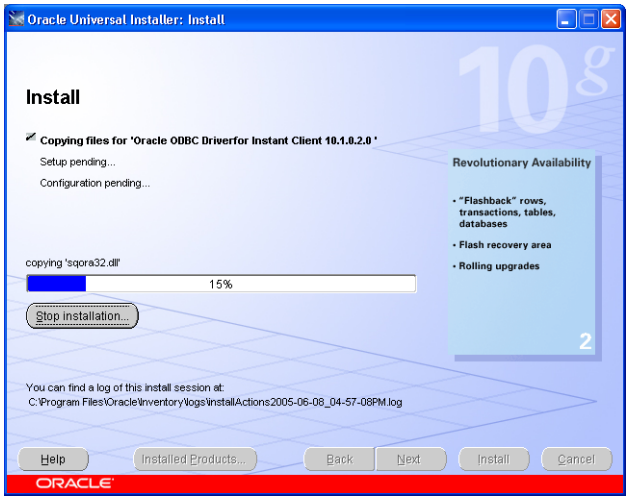

DeCyder 2D Oracle10g Server
Please wait while Windows configures DeCyder 2D Oracle Server
Oracle10g Server installation...
Cancel

7 Ensure that **Ora10g_DeCyder_home** is selected and click **Next**.



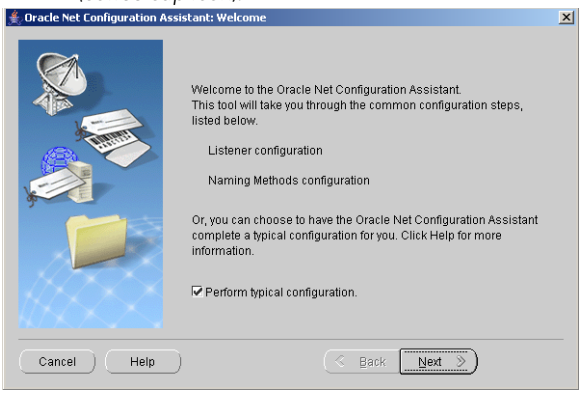
Note: *Other windows may appear but user interaction is not required until the dialog in step 9 is displayed.*

8 The installation is in progress. No user interaction is needed.



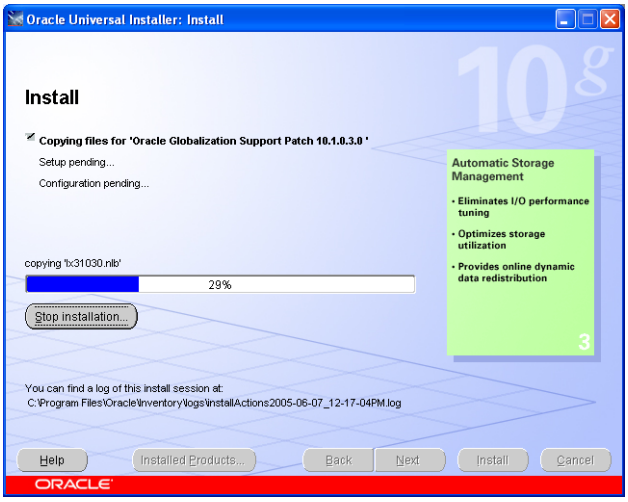
9 It may take some time before the following dialog is displayed.

Note: *This dialog often hides under other open windows, so look for it. It does not create a task bar button - use Alt-Tab to look for the Java-icon (coffee cup icon).*


Oracle Net Configuration Assistant: Welcome
Welcome to the Oracle Net Configuration Assistant.
This tool will take you through the common configuration steps, listed below.
Listener configuration
Naming Methods configuration
Or, you can choose to have the Oracle Net Configuration Assistant complete a typical configuration for you. Click Help for more information.
Perform typical configuration.
Cancel
Help
Back
Next

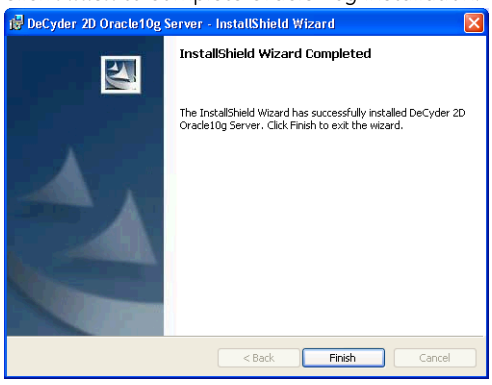
Ensure that **Perform typical configuration** is checked. Click **Next**.

10 After loading, installation starts. This may take up to 15 minutes. Please wait.

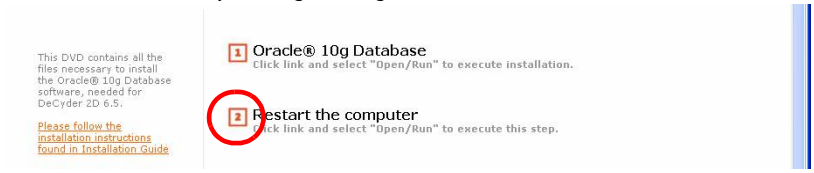


Note: *Other windows may appear, but user interaction is not required until the dialog on next page is displayed.*

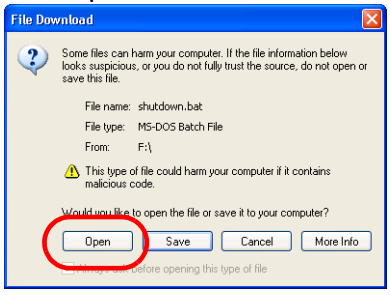
11 Click **Finish** to complete Oracle 10*g* installation.


DeCyder 2D Oracle10g Server - InstallShield Wizard
InstallShield Wizard Completed
The InstallShield Wizard has successfully installed DeCyder 2D Oracle10g Server. Click Finish to exit the wizard.
< Back
Finish
Cancel

12 **Restart the computer** by clicking button 2.


This DVD contains all the files necessary to install the Oracle® 10g Database software, needed for DeCyder 2D 6.5.
Please follow the installation instructions found in Installation Guide
1 Oracle® 10g Database
Click link and select "Open/Run" to execute installation.
2 Restart the computer
Click link and select "Open/Run" to execute this step.

13 Select **Open/Run** to execute the action.


File Download
Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file.
File name: shutdown.bat
File type: MS-DOS Batch File
From: F:\
This type of file could harm your computer if it contains malicious code.
Would you like to open the file or save it to your computer?
Open
Save
Cancel
More Info

3.4 DeCyder 2D 6.5 Database installation

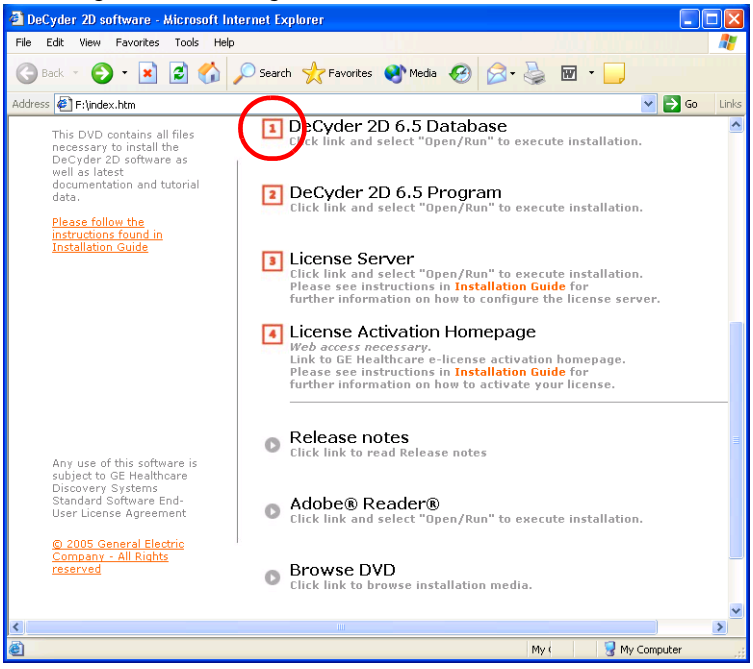
3.4.1 Introduction

This installation package will:

- Create a DeCyder 2D 6.5 Database
- Install the Database Administration Tool

3.4.2 Installation procedure

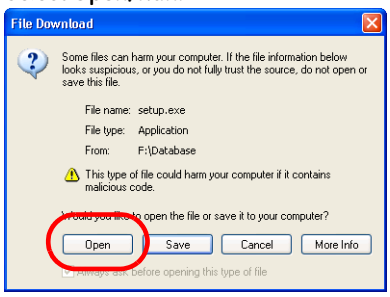
1 Insert the DVD DeCyder 2D *version 6.5* into the DVD-drive. If auto launch is enabled, you will eventually see:


DeCyder 2D software - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address F:\index.htm
This DVD contains all files necessary to install the DeCyder 2D software as well as latest documentation and tutorial data.
Please follow the instructions found in Installation Guide
1 DeCyder 2D 6.5 Database
Click link and select "Open/Run" to execute installation.
2 DeCyder 2D 6.5 Program
Click link and select "Open/Run" to execute installation.
3 License Server
Click link and select "Open/Run" to execute installation.
Please see instructions in Installation Guide for further information on how to configure the license server.
4 License Activation Homepage
Web access necessary.
Link to GE Healthcare e-license activation homepage.
Please see instructions in Installation Guide for further information on how to activate your license.
Release notes
Click link to read Release notes
Adobe® Reader®
Click link and select "Open/Run" to execute installation.
Browse DVD
Click link to browse installation media.
Any use of this software is subject to GE Healthcare Discovery Systems Standard Software End-User License Agreement
© 2005 General Electric Company - All Rights reserved
My Computer

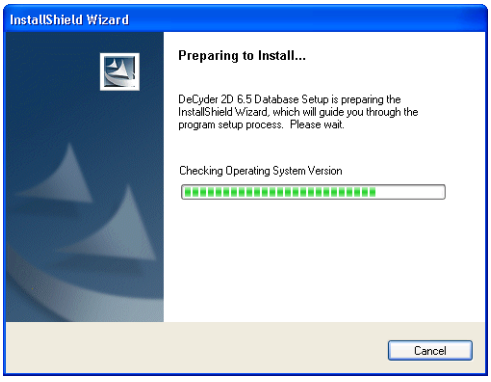
Note: *If the installation does not start automatically, browse to the root of the DVD and double-click on index.htm to display the above window.*

2 Click on button **1**.

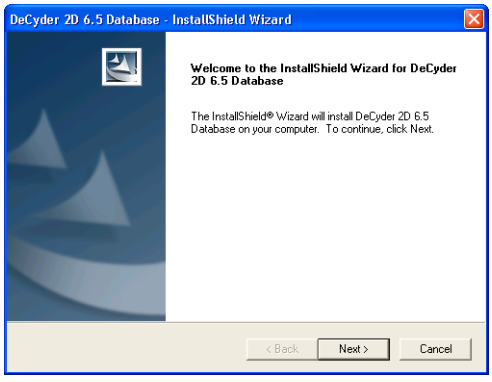
3 Select **Open/Run**.


File Download
Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file.
File name: setup.exe
File type: Application
From: F:\Database
This type of file could harm your computer if it contains malicious code.
Open
Save
Cancel
More Info

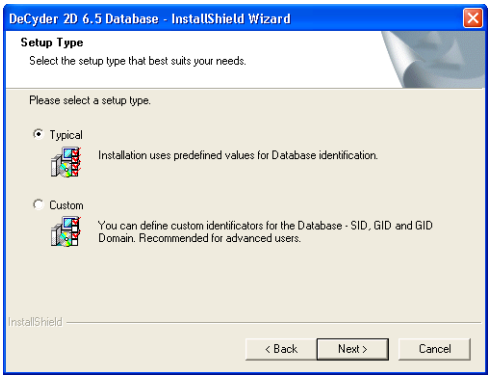
4 Wait for preparation to complete and for the next dialog to be shown.


InstallShield Wizard
Preparing to Install...
DeCyder 2D 6.5 Database Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Checking Operating System Version
Cancel

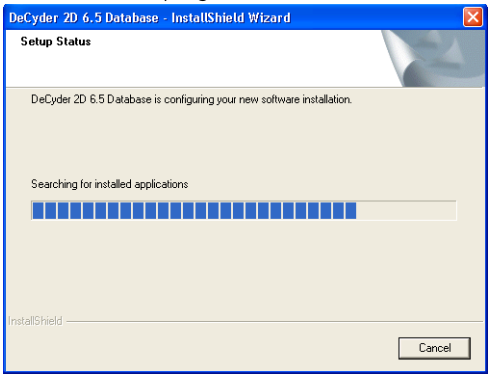
5 When the welcome dialog is displayed, click **Next** to continue.


DeCyder 2D 6.5 Database - InstallShield Wizard
Welcome to the InstallShield Wizard for DeCyder 2D 6.5 Database
The InstallShield® Wizard will install DeCyder 2D 6.5 Database on your computer. To continue, click Next.
< Back
Next >
Cancel

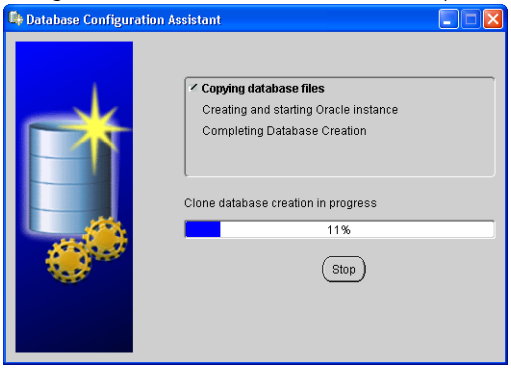
6 Ensure that **Typical** is selected and click **Next**. This will create a database named *DECYDER*.


DeCyder 2D 6.5 Database - InstallShield Wizard
Setup Type
Select the setup type that best suits your needs.
Please select a setup type.
Typical
Installation uses predefined values for Database identification.
Custom
You can define custom identificators for the Database - SID, GID and GID Domain. Recommended for advanced users.
InstallShield
< Back
Next >
Cancel

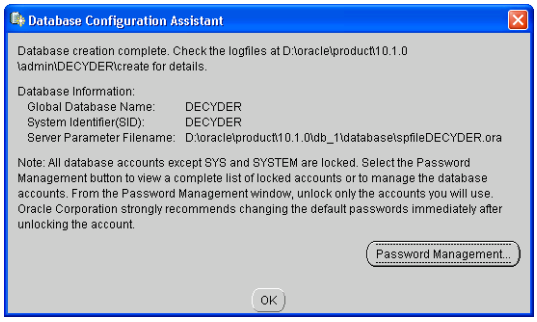
7 Installation is in progress. Please wait.


DeCyder 2D 6.5 Database - InstallShield Wizard
Setup Status
DeCyder 2D 6.5 Database is configuring your new software installation.
Searching for installed applications
InstallShield
Cancel

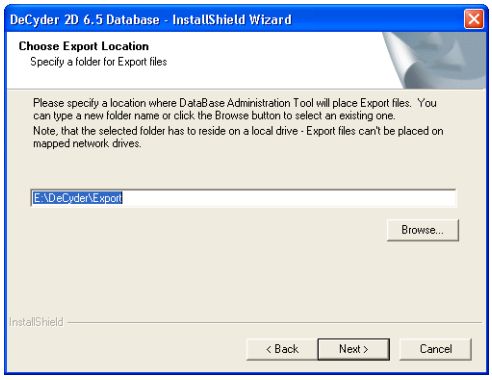
8 Database creation is in progress. This dialog may appear behind precious dialog. No user interaction is needed at this point.



9 Passwords for SYS and SYSTEM database accounts are pre-selected by the installation. Both default passwords are **admin**. They must always be identical. Click **OK**.

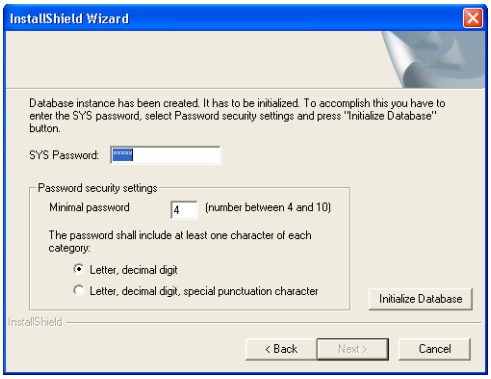

Database Configuration Assistant
Database creation complete. Check the logfiles at D:\oracle\product\10.1.0
\admin\DECYDER\create for details.
Database Information:
Global Database Name: DECYDER
System Identifier(SID): DECYDER
Server Parameter Filename: D:\oracle\product\10.1.0\db_1\database\spfileDECYDER.ora
Note: All database accounts except SYS and SYSTEM are locked. Select the Password Management button to view a complete list of locked accounts or to manage the database accounts. From the Password Management window, unlock only the accounts you will use. Oracle Corporation strongly recommends changing the default passwords immediately after unlocking the account.
Password Management...
OK

10 Choose export location (also used for backup and archive files). Accept default location (recommended), or select a different location, either by typing the path directly into the entry field, or by using the **Browse** button. Click **Next**.

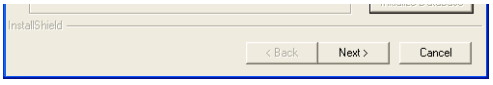

DeCyder 2D 6.5 Database - InstallShield Wizard
Choose Export Location
Specify a folder for Export files
Please specify a location where DataBase Administration Tool will place Export files. You can type a new folder name or click the Browse button to select an existing one.
Note, that the selected folder has to reside on a local drive - Export files can't be placed on mapped network drives.
E:\DeCyder\Export
Browse...
InstallShield
< Back
Next >
Cancel

11 ***Note:***
This is the only time password settings for the DeCyder application can be changed!
*If **Letter, decimal digit, special punctuation character** is selected, a new password for a DeCyder user must differ from the old with at least 3 characters.*

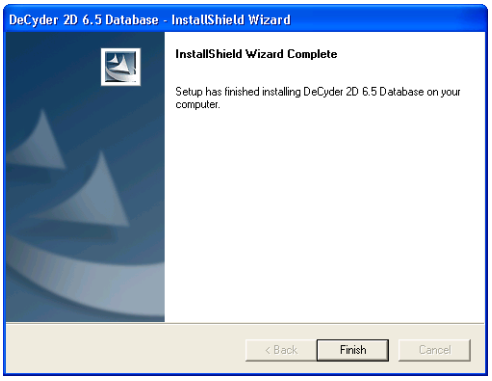
Enter **admin** in the **SYS Password** field and click **Initialize Database**.


InstallShield Wizard
Database instance has been created. It has to be initialized. To accomplish this you have to enter the SYS password, select Password security settings and press "Initialize Database" button.
SYS Password:
Password security settings
Minimal password
4
(number between 4 and 10)
The password shall include at least one character of each category:
Letter, decimal digit
Letter, decimal digit, special punctuation character
Initialize Database
InstallShield
< Back
Next >
Cancel

12 When initialization is completed (it may take some time), the **Next** button gets enabled. Click **Next**.



13 Click **Finish** to complete the database setup.


DeCyder 2D 6.5 Database - InstallShield Wizard
InstallShield Wizard Complete
Setup has finished installing DeCyder 2D 6.5 Database on your computer.
< Back
Finish
Cancel

3.5 DeCyder 2D 6.5 Program installation

3.5.1 Introduction

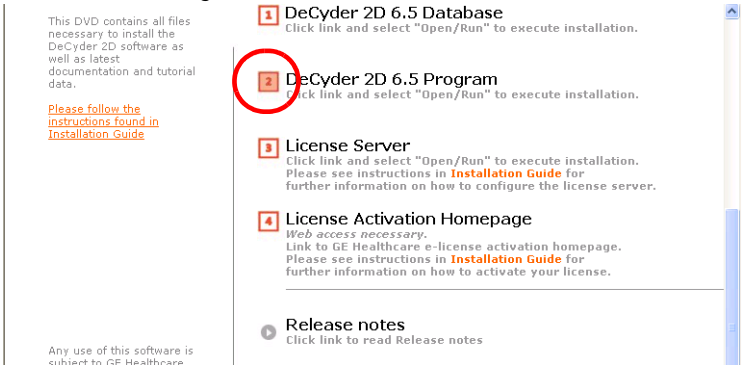
This installation package will:

- Install DeCyder 2D 6.5 Program.
- Install Microsoft .NET Framework v 1.1 if it is not already installed on the computer.
- If necessary, automatically launch Oracle Universal Installer (OUI) to install Oracle 10*g* Client software and ODP.NET.

  Note: *Oracle 10g Client and ODP.NET are NOT necessary for standalone DeCyder 2D 6.5 Software installations.*

3.5.2 Installation procedure

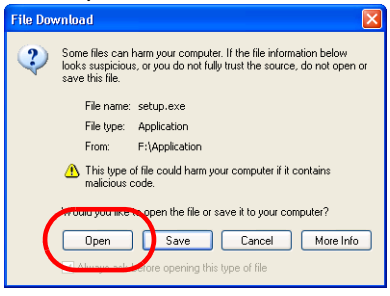
1 Insert the DVD DeCyder 2D *version 6.5* into the DVD-drive.


This DVD contains all files necessary to install the DeCyder 2D software as well as latest documentation and tutorial data.
Please follow the instructions found in Installation Guide
Any use of this software is subject to GE Healthcare
1 DeCyder 2D 6.5 Database
Click link and select "Open/Run" to execute installation.
2 DeCyder 2D 6.5 Program
Click link and select "Open/Run" to execute installation.
3 License Server
Click link and select "Open/Run" to execute installation.
Please see instructions in Installation Guide for further information on how to configure the license server.
4 License Activation Homepage
Web access necessary.
Link to GE Healthcare e-license activation homepage.
Please see instructions in Installation Guide for further information on how to activate your license.
Release notes
Click link to read Release notes

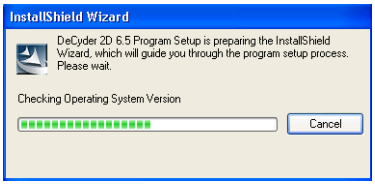
Note: *If the installation does not start automatically, browse to the root of the DVD and double-click on index.htm to display the above window.*

2 Click on button **2.**

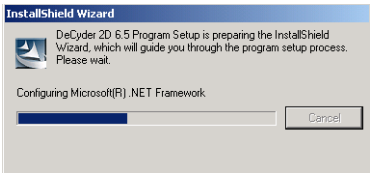
3 Select **Open/Run**.


File Download
Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file.
File name: setup.exe
File type: Application
From: F:\Application
This type of file could harm your computer if it contains malicious code.
Open
Save
Cancel
More Info

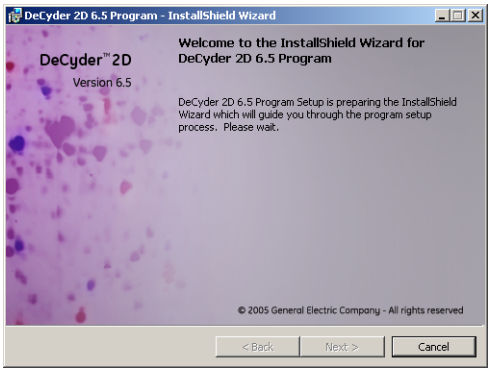
4 Wait while the InstallShield Wizard is preparing.


InstallShield Wizard
DeCyder 2D 6.5 Program Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Checking Operating System Version
Cancel

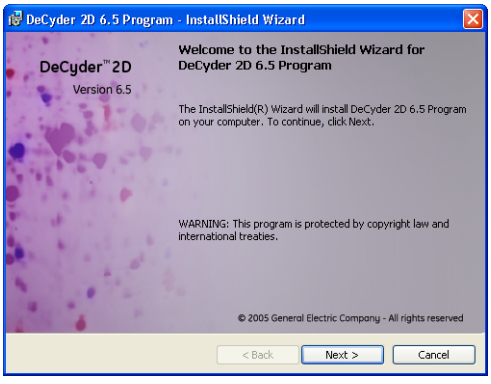
5 If Microsoft .NET Framework v 1.1 is not installed, it automatically installs now. Please wait.


InstallShield Wizard
DeCyder 2D 6.5 Program Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Configuring Microsoft(R) .NET Framework
Cancel

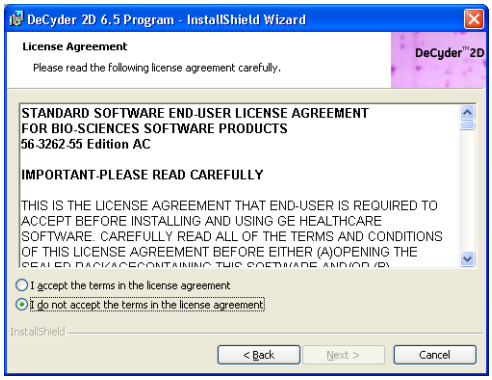
6 The dialog below is displayed.


DeCyder 2D 6.5 Program - InstallShield Wizard
DeCyder™ 2D
Version 6.5
Welcome to the InstallShield Wizard for DeCyder 2D 6.5 Program
DeCyder 2D 6.5 Program Setup is preparing the InstallShield Wizard which will guide you through the program setup process. Please wait.
© 2005 General Electric Company - All rights reserved
< Back
Next >
Cancel

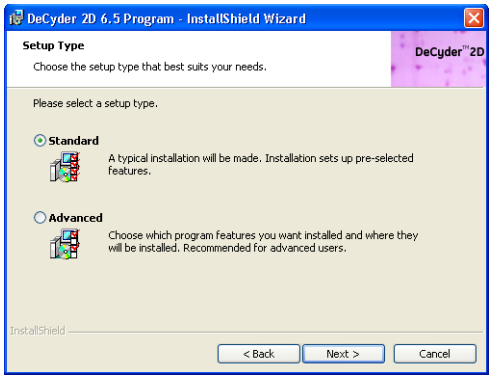
7 Click **Next**.


DeCyder 2D 6.5 Program - InstallShield Wizard
DeCyder™ 2D
Version 6.5
Welcome to the InstallShield Wizard for DeCyder 2D 6.5 Program
The InstallShield(R) Wizard will install DeCyder 2D 6.5 Program on your computer. To continue, click Next.
WARNING: This program is protected by copyright law and international treaties.
© 2005 General Electric Company - All rights reserved
< Back
Next >
Cancel

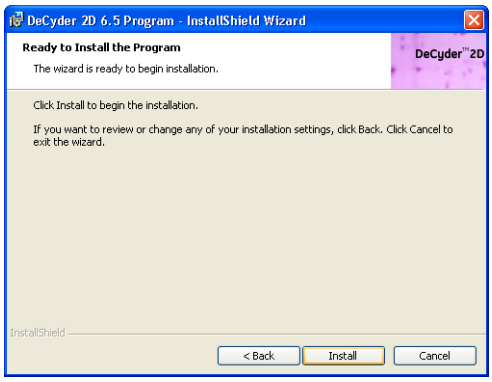
8 Carefully read the End User License agreement and, if you accept it, select **I accept the terms in the license agreement** and click **Next**.
Otherwise click **Cancel** to abort the installation.


DeCyder 2D 6.5 Program - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
DeCyder™2D
STANDARD SOFTWARE END-USER LICENSE AGREEMENT
FOR BIO-SCIENCES SOFTWARE PRODUCTS
56-3262-55 Edition AC
IMPORTANT-PLEASE READ CAREFULLY
THIS IS THE LICENSE AGREEMENT THAT END-USER IS REQUIRED TO ACCEPT BEFORE INSTALLING AND USING GE HEALTHCARE SOFTWARE. CAREFULLY READ ALL OF THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT BEFORE EITHER (A)OPENING THE
I accept the terms in the license agreement
I do not accept the terms in the license agreement
InstallShield
< Back
Next >
Cancel

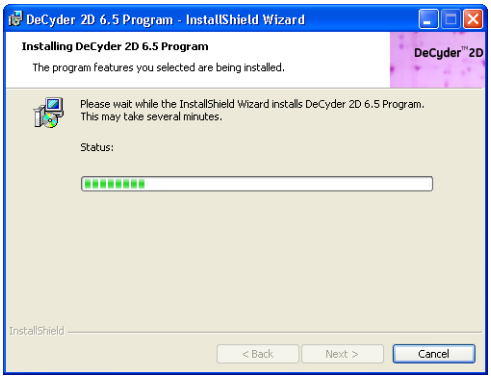
9 Ensure that **Standard** is selected. Click **Next**.


DeCyder 2D 6.5 Program - InstallShield Wizard
Setup Type
Choose the setup type that best suits your needs.
DeCyder™2D
Please select a setup type.
Standard
A typical installation will be made. Installation sets up pre-selected features.
Advanced
Choose which program features you want installed and where they will be installed. Recommended for advanced users.
InstallShield
< Back
Next >
Cancel

10 Click **Install**.


DeCyder 2D 6.5 Program - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
DeCyder™2D
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

11 The installation is in progress. Please wait.

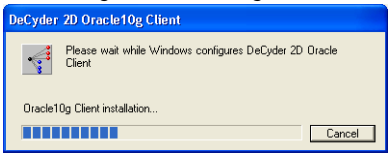

DeCyder 2D 6.5 Program - InstallShield Wizard
Installing DeCyder 2D 6.5 Program
The program features you selected are being installed.
DeCyder™2D
Please wait while the InstallShield Wizard installs DeCyder 2D 6.5 Program. This may take several minutes.
Status:
InstallShield
< Back
Next >
Cancel

12 Here the installation program checks if Oracle 10*g* is present on the computer.

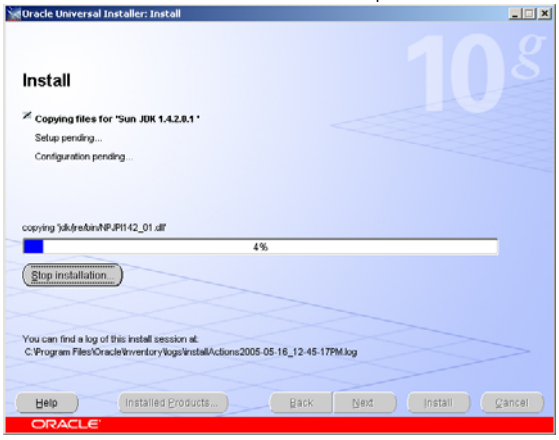
- If not, Oracle 10*g* Client and ODP.NET installation process starts. Continue with section 3.5.3.
- If Oracle 10*g* software has already been installed on the computer continue with section 3.5.4 on page 31.

3.5.3 Oracle 10*g* Client and ODP.NET installation

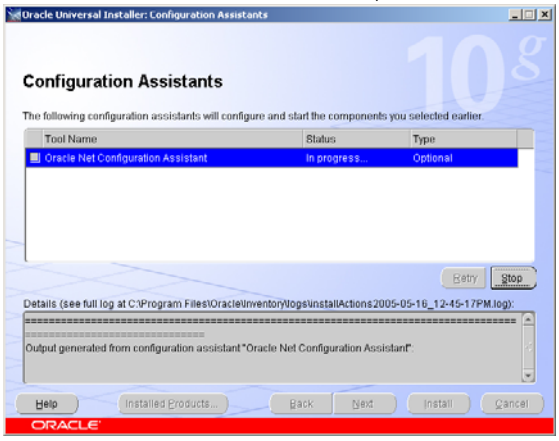
1 Oracle 10*g* Client is configured. No user interaction is needed at this point.


DeCyder 2D Oracle10g Client
Please wait while Windows configures DeCyder 2D Oracle Client
Oracle10g Client installation...
Cancel

2 The Oracle Universal Installer starts (this may take some time).
No user interaction is needed at this point.

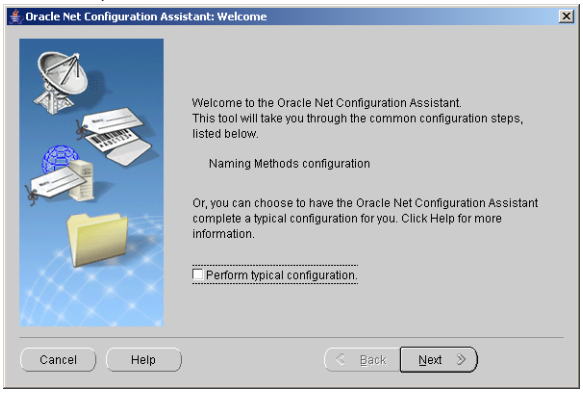


3 Oracle Universal Installer automatically starts the Configuration Assistants. No user interaction is needed at this point.



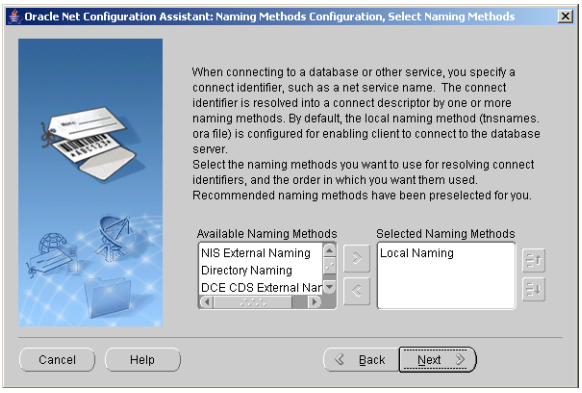
4 It may take some time before the following dialog appears.

Note: *This dialog often hides under other open windows, so look for it. It does not create a task bar button - use Alt-Tab to find the Java-icon (coffee cup icon).*

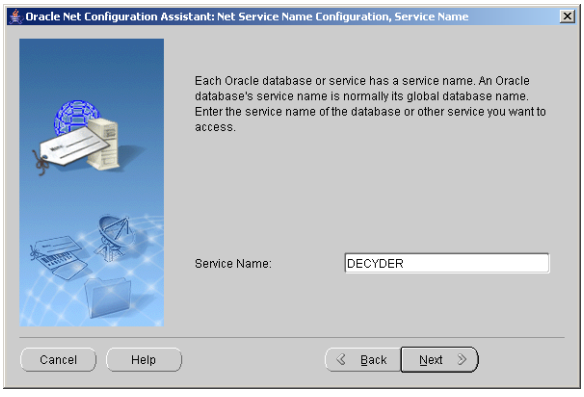

Oracle Net Configuration Assistant: Welcome
Welcome to the Oracle Net Configuration Assistant.
This tool will take you through the common configuration steps, listed below.
Naming Methods configuration
Or, you can choose to have the Oracle Net Configuration Assistant complete a typical configuration for you. Click Help for more information.
Perform typical configuration.
Cancel
Help
Back
Next

Leave **Perform typical configuration** unchecked and click **Next**.

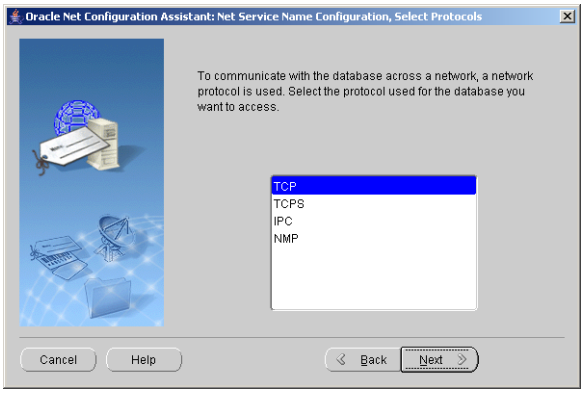
5 Ensure that **Local Naming** is selected and click **Next.**


Oracle Net Configuration Assistant: Naming Methods Configuration, Select Naming Methods
When connecting to a database or other service, you specify a connect identifier, such as a net service name. The connect identifier is resolved into a connect descriptor by one or more naming methods. By default, the local naming method (tnsnames.ora file) is configured for enabling client to connect to the database server.
Select the naming methods you want to use for resolving connect identifiers, and the order in which you want them used.
Recommended naming methods have been preselected for you.
Available Naming Methods
NIS External Naming
Directory Naming
DCE CDS External Nar
Selected Naming Methods
Local Naming
Cancel
Help
Back
Next

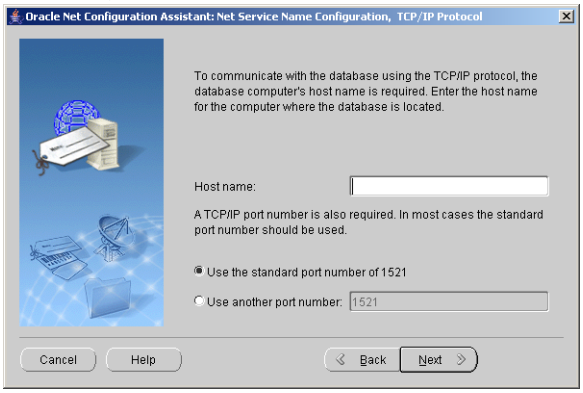
6 Enter the name of the database to which you wish to connect in the **Service Name** field. Typically it will be **DECYDER**. Click **Next.**


Oracle Net Configuration Assistant: Net Service Name Configuration, Service Name
Each Oracle database or service has a service name. An Oracle database's service name is normally its global database name. Enter the service name of the database or other service you want to access.
Service Name:
DECYDER
Cancel
Help
Back
Next

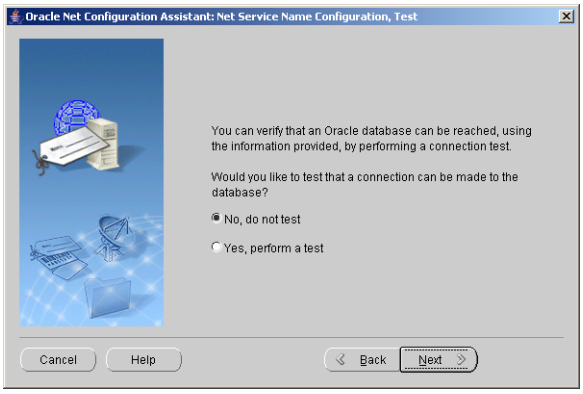
7 Select **TCP** and click **Next.**


Oracle Net Configuration Assistant: Net Service Name Configuration, Select Protocols
To communicate with the database across a network, a network protocol is used. Select the protocol used for the database you want to access.
TCP
TCPS
IPC
NMP
Cancel
Help
Back
Next

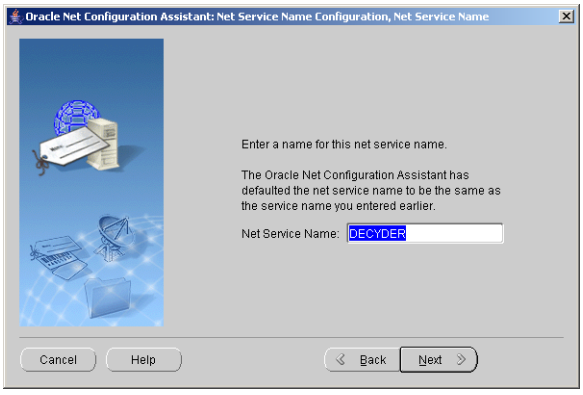
8 Enter the **Host Name** of the Oracle 10*g* database server (for information about how to find a host name, see section 4.2 step 9-11). Select **Use the standard port number of 1521** and click **Next**.


Oracle Net Configuration Assistant: Net Service Name Configuration, TCP/IP Protocol
To communicate with the database using the TCP/IP protocol, the database computer's host name is required. Enter the host name for the computer where the database is located.
Host name:
A TCP/IP port number is also required. In most cases the standard port number should be used.
Use the standard port number of 1521
Use another port number:
1521
Cancel
Help
Back
Next

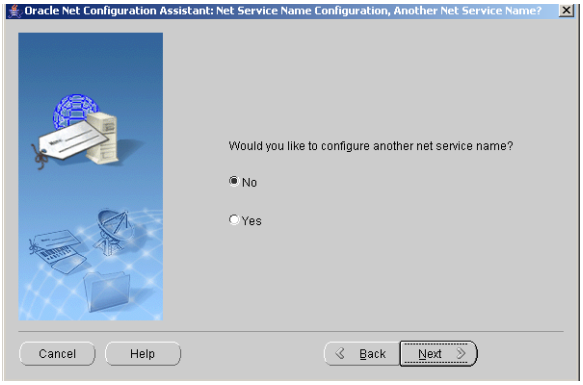
9 Click **Next**.


Oracle Net Configuration Assistant: Net Service Name Configuration, Test
You can verify that an Oracle database can be reached, using the information provided, by performing a connection test.
Would you like to test that a connection can be made to the database?
No, do not test
Yes, perform a test
Cancel
Help
Back
Next

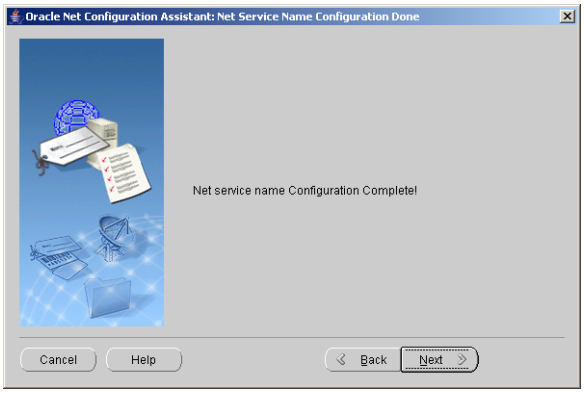
10 Accept the suggested value for **Net Service Name**. It will be the same as the Service name you entered earlier.
Click **Next**.


Oracle Net Configuration Assistant: Net Service Name Configuration, Net Service Name
Enter a name for this net service name.
The Oracle Net Configuration Assistant has defaulted the net service name to be the same as the service name you entered earlier.
Net Service Name:
DECYDER
Cancel
Help
Back
Next

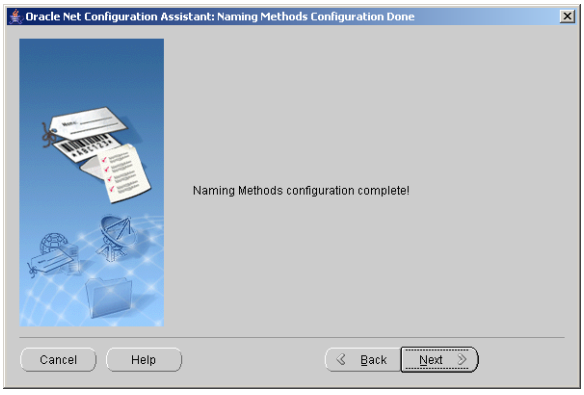
11 Select **No** and click **Next**.



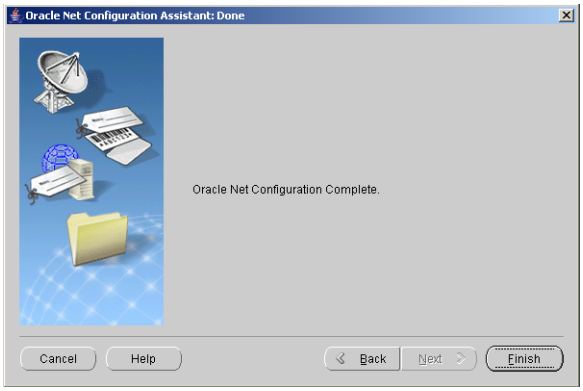
12 Click **Next**.



13 Click **Next**.



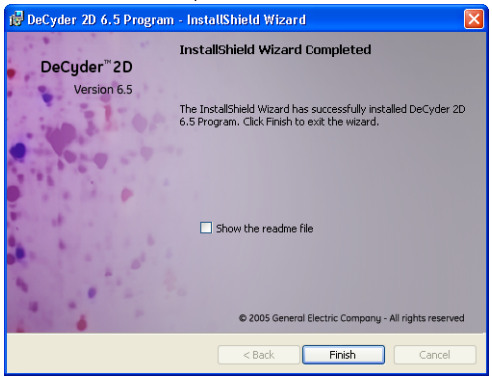
14 Click **Finish**.



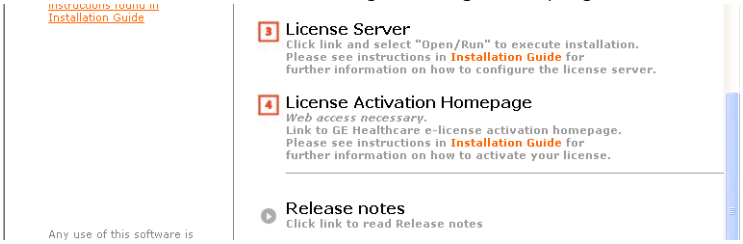
This concludes Oracle 10*g* Client and ODP.NET installation and configuration.

3.5.4 Finish DeCyder 2D 6.5 Program installation

1 If you wish to read the **Read me file**, check the check box.
Click **Finish** to complete the installation.


DeCyder 2D 6.5 Program - InstallShield Wizard
InstallShield Wizard Completed
DeCyder™ 2D
Version 6.5
The InstallShield Wizard has successfully installed DeCyder 2D 6.5 Program. Click Finish to exit the wizard.
Show the readme file
© 2005 General Electric Company - All rights reserved
< Back
Finish
Cancel

Note: *Buttons* **3** *and* **4** *are useful when setting up the eLicense. See Chapter* 4.
Read the **Release notes** before using the *DeCyder 2D* program.


Installation Guide
License Server
Click link and select "Open/Run" to execute installation.
Please see instructions in Installation Guide for
further information on how to configure the license server.
License Activation Homepage
Web access necessary.
Link to GE Healthcare e-license activation homepage.
Please see instructions in Installation Guide for
further information on how to activate your license.
Release notes
Click link to read Release notes
Any use of this software is

3.6 DeCyder 2D 6.5 Tutorials installation

Installing *all* Tutorial version 6.5 files is optional. All tutorial files are only needed if you want to learn the program by using all the Tutorial chapters in the User Manuals. Tutorial files can be imported later if desired.

To optimize the DeCyder 2D 6.5 Database performance it is recommended that one or more tutorial files are imported.

1 Insert the DVD DeCyder 2D *Tutorial version 6.5* into the DVD-drive of the computer where the DeCyder 2D 6.5 Database is installed.

2 Copy the required tutorial files (at least **Tutorial I** and **Tutorial II**) from the DVD to the selected export location (e.g. **E:\DeCyder\Export** , see also step 10 on page 21).

3 Open dbAdmin and import the tutorial files. For instructions, see DeCyder 2D 6.5 Software User Manual.

4 eLicense

4.1 Introduction

DeCyder 2D 6.5 Program requires an electronic license (eLicense) . The last step of the installation activates this eLicense.

To activate the eLicense on an eLicense server:

1 Install the eLicense server program and find the physical address of the computer (see 4.2).

2 Receive the access code (see 4.3).

3 Collect and save an eLicense file (see 4.4).

On application terminals:

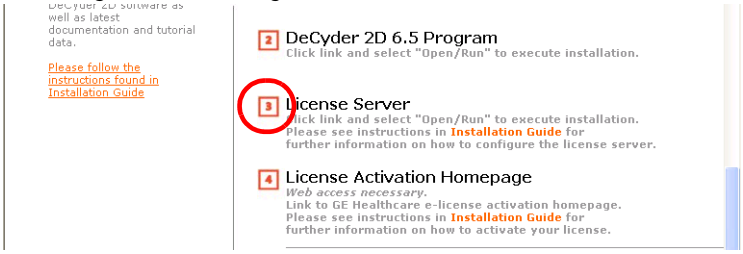
- Once the eLicense file is in place on the eLicense server, start the DeCyder program on the application computer and enter the computer ID for the eLicense server (see section 4.5).

4.2 Installation of GE Healthcare eLicense Server Program

Note: *If the GE Healthcare eLicense Server Program is already installed, continue with section 4.3.*

1 Select the computer in the network on which the eLicense Server Program should be installed. All computers running DeCyder 2D 6.5 Program must have network access to this computer to run the program.

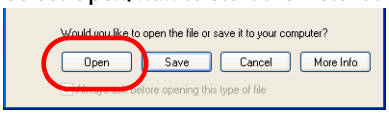
2 Insert the DVD DeCyder 2D *version 6.5* into the DVD-drive. If auto launch is enabled you will eventually see:


well as latest
documentation and tutorial
data.
Please follow the
instructions found in
Installation Guide
2
DeCyder 2D 6.5 Program
Click link and select "Open/Run" to execute installation.
3
License Server
Click link and select "Open/Run" to execute installation.
Please see instructions in Installation Guide for
further information on how to configure the license server.
4
License Activation Homepage
Web access necessary.
Link to GE Healthcare e-license activation homepage.
Please see instructions in Installation Guide for
further information on how to activate your license.

Note: *If the installation does not start automatically, browse to the root of the DVD and double-click on index.htm to display the above window.*

3 Click on button **3**.

4 Select **Open/Run** to start the installation.



5 An Install shield wizard dialog is displayed.

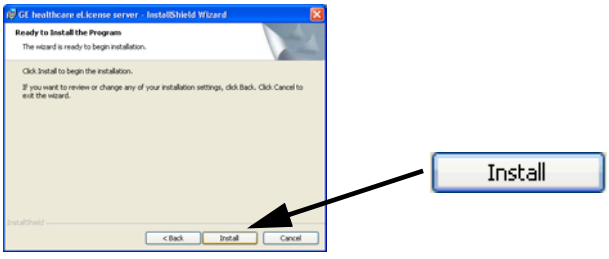
GE healthcare eLicense server - InstallShield Wizard
Welcome to the InstallShield Wizard for GE healthcare eLicense server
The InstallShield(R) Wizard will install GE healthcare eLicense server on your computer. To continue, click Next.
WARNING: This program is protected by copyright law and international treaties.
< Back
Next >
Cancel
Next >

Click **Next**.

6 Click **Next** to accept the default destination folder.

GE healthcare eLicense server - InstallShield Wizard
Destination Folder
Click Next to install to this folder, or click Change to install to a different folder.
Install GE healthcare eLicense server to:
C:\Program Files\GE Healthcare\eLicense server\
Change...
InstallShield
< Back
Next >
Cancel
Next >

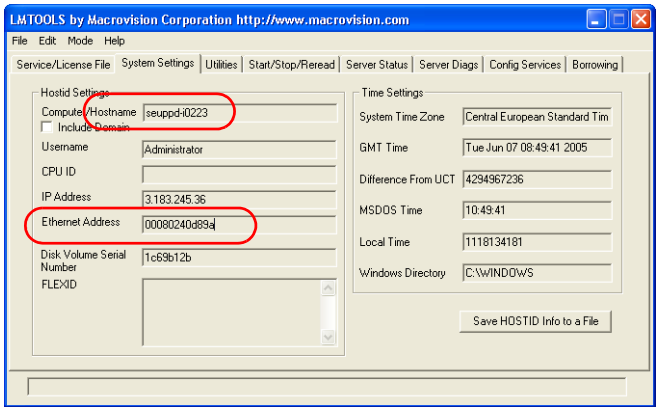
7 Click **Install** to start the installation.


GE healthcare eLicense server - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel
Install

8 Ensure that the check box **Launch GE Healthcare eLicense Server** is selected and click **Finish**.

9 The **LMtools** dialog opens.

10 Click the **System settings** tab.



11 Make a note of the physical address (Ethernet address) and host name.

Note: *Host name is used on page 29 and 37*

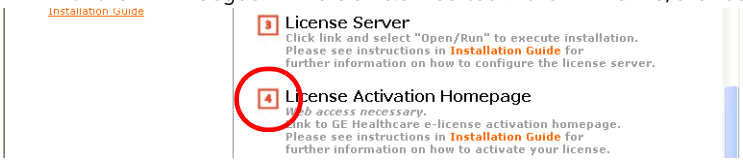
4.3 Receiving the access code

After ordering the DeCyder 2D 6.5 Program, a letter including an access code (AC) will be sent by courier to the orderer's shipment address. Store the access code in a safe place. The access code is necessary for collecting eLicense files (see 4.4).

4.4 Collecting and saving an eLicense file

1 Ensure that you have the access code and the physical address available.

2 On the computer on which the eLicense file should be placed, go to the web site **http://www.elicensing.amershambiosciences.com/** or, with the DVD DeCyder 2D *version 6.5* inserted in the DVD-drive, click button **4**.


Installation Guide
3
License Server
Click link and select "Open/Run" to execute installation.
Please see instructions in Installation Guide for
further information on how to configure the license server.
4
License Activation Homepage
Web access necessary.
Link to GE Healthcare e-license activation homepage.
Please see instructions in Installation Guide for
further information on how to activate your license.

Note: *You can use any computer to collect the eLicense file and then transfer the file to the correct computer.*

3 Collect the eLicense file according to the instructions on the web site. Collection includes the following steps:

a) Enter the **Access Code** and click **Continue**.

b) In the **Licence Administration Center** page that opens, click **Collect Licences**. The **Select Product and Register Product** page opens.

b) Perform step **1** - Select the product to collect.

c) Perform step **2** - Register the product.

d) Perform step **3** - Enter the physical address (that you obtained in section 4.2) in the field **Enter Host ID**.

e) Click **Continue** to proceed to **Collection Confirmation**.
Ensure that your eLicense is configured correctly and, if so, confirm your eLicense by clicking **Collect license**. Otherwise, click **Back** to perform corrections.

f) Save the eLicense to file, or e-mail the eLicense file.
- We recommend you use the **Save license to file** alternative. For convenience, save the eLicense file in the default license folder specified below.

- Save the eLicense file on the computer running the eLicense server. Save the eLicense file in the folder **c:\Progam Files\GE Healthcare\eLicense server\Licenses** on the eLicense server.

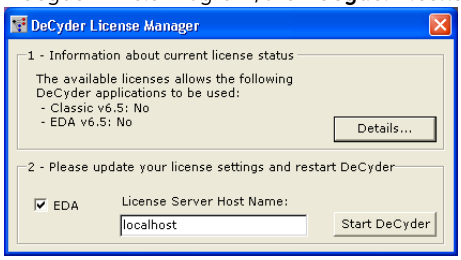
- If you use the **Send by e-mail** alternative, the eLicense contents are delivered as raw text in the e-mail body. Copy the text into an ASCII-text file and save it with the extension *.lic* in your eLicense folder.

g) Also save an extra copy of the license file as backup.

h) **Restart the computer.**

4.5 *Unavailable eLicense*

1 If one or more of the requested eLicenses are not available when you open DeCyder 2D 6.5 Program, the **DeCyder License Manager** dialog is displayed.


DeCyder License Manager
1 - Information about current license status
The available licenses allows the following DeCyder applications to be used:
- Classic v6.5: No
- EDA v6.5: No
Details...
2 - Please update your license settings and restart DeCyder
EDA
License Server Host Name:
localhost
Start DeCyder

Note: ***Classic*** *includes all modules for DeCyder 2D 6.5 Software.* ***EDA*** *is an optional add-on program.*

2 Enter the **License Server Host Name** for the eLicense server in your network. Check or uncheck **EDA** as appropriate and click **Start DeCyder**.

3 Once the eLicense file is found, the DeCyder 2D 6.5 Program will start, displaying the license agreement.

Appendix A Computer requirements and considerations

A.1 Computer requirements for DeCyder 2D 6.5 Program

- Operating System: Microsoft Windows™ XP Professional, Service Pack 1 or Service Pack 2.
- At least 1 GB RAM.
- The computer must have a DVD-drive.
- Set the virtual memory so that the total amount of available memory,including physical RAM, is at least 2.5 GB.
- Minimal free space on local hard drive for Application terminal is 3 GB.
- Minimal free space on local hard drive for Database server and Standalone computer is 30 GB.
- Internet Explorer™ version 5.5 or higher must be installed to run the XMLToolbox module.
- Video card capable of 32 bit color.
- The video card driver needs to support Open GL™ (v 1.2 or later) - ensure that the latest compatible driver is installed.
- Set the color resolution of the PC to 32 bit color.
- Set the screen resolution to 1024 x 768 pixels, landscape (with 24 bits Zbuffer / preferably 32 bits).

A.2 Computer recommendations for DeCyder 2D 6.5 Program

The table below describes recommendations for different computer types that can be used with the DeCyder 2D 6.5 Program.

Type of computer	Recommendations
Database Server	**C drive:** at least 10 GB free space for DeCyder 2D software.
	D drive: at least 60 GB free space for Oracle database server and data.
	E drive: at least 50 GB for backup, export and raw images.
Standalone computer	**C drive:** at least 10 GB free space for DeCyder 2D software.
	D drive: at least 60 GB free space for Oracle database server and data.
	E drive: at least 50 GB for backup, export and raw images.
Application terminal	**C drive:** at least 10 GB for DeCyder 2D software

Note: *Avoid running other programs with high memory requirements at the same time as DeCyder 2D 6.5 Software.*

Note: *To find the latest information update on the DeCyder 2D 6.5 Software, read the Read-me file (found on the DVD DeCyder 2D version 6.5 or, after installation, via* **Start/All Programs/DeCyder 2D 6.5 Software/DeCyder 2D 6.5 Documents/Read-me**).

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Amersham Biosciences has patent applications pending relating to its DeCyder software technology, European patent application number EP1,234,280.

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